BISS Biodiversity Information Science and Standards

Biodiversity Information Science and Standards 7: e112560
doi: 10.3897/biss.7.112560

OPEN ACCESS

Conference Abstract

Next Steps Towards Better Living Atlas Deployments and Maintenance

David Martin‡, Vicente J Ruiz Jurado§

‡ Atlas of Living Australia, Canberra, Australia
§ GBIF.es and Living Atlases Community, Bimenes, Asturias, Spain

Corresponding author: David Martin (david.martin@csiro.au), Vicente J Ruiz Jurado (vjrj@gbif.es)

Received: 11 Sep 2023 | Published: 12 Sep 2023

Citation: Martin D, Ruiz Jurado VJ (2023) Next Steps Towards Better Living Atlas Deployments and Maintenance. Biodiversity Information Science and Standards 7: e112560. https://doi.org/10.3897/biss.7.112560

Abstract

The Living Atlases project, facilitated by the Global Biodiversity Information Facility (GBIF) and the Atlas of Living Australia (ALA), has successfully operated for more than a decade, establishing collaborations with over 30 countries who have implemented ALA components within their respective environments. Over this period, technological advancements and the prevalence of cloud platforms have transformed the landscape of infrastructure management. In this presentation, we will explore innovative approaches to streamline the installation process of ALA, capitalizing on the benefits offered by cloud platforms and cutting-edge technologies. Furthermore, ALA has maintained a strong collaborative partnership with GBIF over the past four years, focusing on data ingestion pipelines and, more recently, engaging in shared user interface (UI) development.

These improvements aim to enhance the maintainability of ALA modules, enabling organizations to leverage the advantages provided by cloud-based solutions and novel technologies.

Keywords

Living Atlases project, GBIF, Atlas of Living Australia, ALA, technological advancements, infrastructure management, cloud platforms, installation process, accessibility, usability, cloud-based solutions, novel technologies.

© Martin D, Ruiz Jurado V. This is an open access article distributed under the terms of the Creative Commons Attribution License (CC BY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Presenting author

David Martin

Presented at

TDWG 2023

Conflicts of interest

The authors have declared that no competing interests exist.